

Serial No. 09/700,863

In the Claims:

Please cancel claims 5, 27, 47, 49 and 57 without prejudice to Applicant, and rewrite claims 1-4, 6, 7, 9-25, 28, 29, 31-46, 48, 50-54, and 56 as follows. A version of the rewritten claims, marked up to show all changes relative to the previous version of the claims, is contained on separate page(s) attached hereto as Appendix A.

537
C2
B8

1. (Amended) A method of controlling a pest by at least partially coating the pest with a particulate material incorporating a killing or behavior-modifying agent, the method comprising the steps of drawing the pest sufficiently close to a surface bearing the particulate material, and rendering the particulate material airborne by movement of the pest in the region of the surface, the particulate material becoming electrostatically charged as a result of being rendered airborne.

2. (Amended) A method according to claim 1, wherein the particulate material is a powder which is sufficiently fine for it to be rendered airborne by a pest moving across, flying above or taking-off from the surface, so that the pest becomes at least partially coated with the powder.

3. (Amended) A method according to claim 2, wherein the powder is combined with at least one biological, synthetic or natural pesticide as a killing agent.

Serial No. 09/700,863

~~B8~~
4. (Amended) A method according to claim 1, wherein the pest is an insect

pest.

~~B9~~
6. (Amended) A method according to claim 5, wherein the particulate

material is charged by friction.

7. (Amended) A method according to claim 1, wherein the surface is

associated with a trap comprising an electrically insulating material.

~~B10~~
9. (Amended) A method according to claim 1, further comprising providing a

pheromone or parapheromone attractant to lure the pest to the surface.

10. (Amended) A method according to claim 1, wherein the surface is coated

with the particulate material, and the particulate material is an electrostatically charged fine powder.

11. (Amended) A method according to claim 10, wherein the powder is

capable of retaining the electrostatic charge while on the surface.

12. (Amended) A method according to claim 1, wherein undesired removal or

Serial No. 09/700,863

loss of the particulate material from the surface is eliminated or at least substantially reduced.

13. (Amended) A method according to claim 12, wherein undesired removal or other loss of the particulate material from the surface is eliminated or at least substantially reduced by means of raised edges at the periphery of the surface.

14. (Amended) A method according to claim 1, wherein the particulate material is accommodated in at least one recess associated with the surface.

15. (Amended) A method according to claim 14, wherein the at least one recess is defined in the surface.

16. (Amended) A method according to claim 15, wherein the upper periphery of the at least one recess is provided with raised edges.

17. (Amended) A method according to claim 1, wherein the surface is provided on a plate which is preformed and stands alone.

18. (Amended) A method according to claim 14, wherein the at least one

Serial No. 09/700,863

recess is a trough in which the particulate material is accommodated.

19. (Amended) A method according to claim 14, wherein the dimensions of the at least one recess in which the particulate material is accommodated, are smaller than those of the pests to be controlled.

Did not.
20. (Amended) A method according to claim 1, wherein the surface is part of a tubular trap.

21. (Amended) A method according to claim 20, wherein the trap has a triangular cross-section.

22. (Amended) A method according to claim 20, wherein the surface is an interior surface of the trap.

Serial No. 09/700,863

23. (Amended) Pest control apparatus comprising a surface in a region of which a pest is capable of being lured and which bears a particulate material incorporating a killing or behavior-modifying agent, the particulate material being capable of being electrostatically charged when rendered airborne by movement of the pest in the region of the surface.

23 Amended

24. (Amended) Apparatus according to claim 23, wherein the particulate material is a powder which is sufficiently fine for it to be rendered airborne by a pest moving across, flying above, or taking-off from the surface, so that the pest becomes at least partially coated with the powder.

25. (Amended) Apparatus according to claim 24, wherein the powder is combined with at least one biological, synthetic or natural pesticide as a killing agent.

26. (Amended) Apparatus according to claim 23, wherein the pest is an insect pest.

27

28. (Amended) Apparatus according to claim 27, wherein the particulate material is chargeable by friction.

Serial No. 09/700,863

29. (Amended) Apparatus according to claim 23, wherein the surface is associated with a trap, comprising an electrically insulating material.

30. (Amended) Apparatus according to claim 29, wherein the electrically insulating material comprises a plastics material.

31. (Amended) Apparatus according to claim 23, further comprising a pheromone or parapheromone attractant.

32. (Amended) Apparatus according to claim 23, wherein the surface is coated with the particulate material, and the particulate material is an electrostatically charged fine powder.

33. (Amended) Apparatus according to claim 32, wherein the powder is capable of retaining its electrostatic charge while on the trap surface.

34. (Amended) Apparatus according to claim 23, wherein undesired removal or loss of the particulate material from the surface is eliminated or at least substantially reduced.

Serial No. 09/700,863

35. (Amended) Apparatus according to claim 34, wherein undesired removal or other loss of the particulate material from the surface is eliminated or at least substantially reduced by raised edges at the periphery of the surface.

36. (Amended) Apparatus according to claim 23, wherein the particulate material is accommodated in at least one recess associated with the surface.

37. (Amended) Apparatus according to claim 36, wherein the at least one recess is defined in the surface.

38. (Amended) Apparatus according to claim 37, wherein the upper periphery of the at least one recess has raised edges.

39. (Amended) Apparatus according to claim 23, wherein the surface is on a plate which is preformed and stands alone.

40. (Amended) Apparatus according to claim 36, wherein the at least one recess is a trough in which the particulate material is accommodated.

41. (Amended) Apparatus according to claim 36, wherein the dimensions of

Serial No. 09/700,863

the at least one recess in which the particulate material is accommodated, are smaller than those of the pests to be controlled.

42. (Amended) Apparatus according to claim 23, wherein the surface is part of a tubular trap.

43. (Amended) Apparatus according to claim 42, wherein the trap has a triangular cross-section.

44. (Amended) Apparatus according to claim 42 wherein the surface is an interior surface of the trap.

Serial No. 09/700,863

~~B11~~
45. (Amended) A pest control trap comprising a surface having at least one recess therein, and a particulate material incorporating a pest killing or behavior-modifying agent and accommodated in the at least one recess, the particulate material being capable of being electrostatically charged when rendered airborne by movement of the pest in the region of the surface.

46. (Amended) A trap according to claim 45, wherein the at least one recess has dimensions which are smaller than those of pests to be controlled.

~~B12~~
48. (Amended) A trap according to claim 45, wherein the particulate material is a fine powder.

~~B13~~
50. (Amended) A trap according to claim 45, wherein the particulate material is chargeable by friction as it is rendered airborne, for subsequent contamination of a pest in the vicinity thereof.

Serial No. 09/700,863

51. (Amended) A method of preventing the dispersion of a pest-contaminating particulate material from a pest trap, the method comprising the steps of forming the particulate material to be capable of being electrostatically charged when rendered airborne by movement of a pest, and accommodating the particulate material in at least one recess in a surface of the trap.

B13
Amended
52. (Amended) A method according to claim 51, wherein the particulate material comprises a fine powder.

53. (Amended) A method according to claim 51, wherein the particulate material is protected from wind action.

54. (Amended) A method according to claim 51, wherein the particulate material is attached to a pest as it flies in the region of or takes-off from the surface.

B14
56. (Amended) A method according to claim 55, wherein downthrust of air generated by the pest's wing beats, renders the particulate material airborne.